DOSS®

Model No. DPS300

300 AMP BATTERY JUMPER WITH 260PSI AIR COMPRESSOR

High Impact Resistant Rubberized Housing

300 AMP Jump Start System

260 PSI Air Compressor

12 Volt Power Station

WELCOME

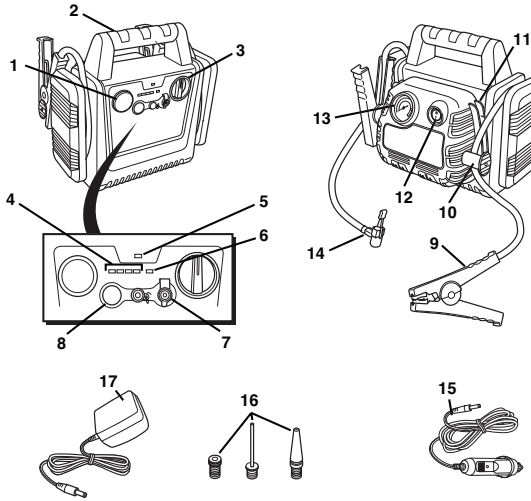
This product has been carefully engineered and manufactured to give you dependable operation. Please read this manual thoroughly before operating your new product as it contains the information you need to become familiar with its features and obtain the performance that will bring you continued enjoyment for many years. Please keep this manual on file for future reference.

IMPORTANT

PRIOR TO USE, READ AND UNDERSTAND ALL WARNINGS, CAUTIONS AND INSTRUCTIONS INCLUDED IN THIS INSTRUCTION MANUAL, AND THOSE PUBLISHED BY YOUR VEHICLE BATTERY MANUFACTURER AND MANUFACTURER OF ANY DEVICE INTENDED TO BE USED WITH THIS UNIT. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

LOCATION OF CONTROLS

1. 12-volt DC Power Socket
2. Rubberized handle
3. Jump-Starter ON/OFF Switch
4. Battery Indicator LEDs
5. Power/Polarity Indicator
6. Charging Indicator
7. Charging Jack
8. Battery Status Button
9. Heavy-Duty Jumper Cables
10. Battery Cable Clamp Storage Posts
11. Air Inflation Hose Storage Slot
12. Air Compressor ON/OFF Switch
13. Air Compressor Gauge
14. Air Inflation Hose
15. DC Charging Cable
16. Air Inflation Nozzles
17. AC Charger



FIRST AID:

Make sure fresh water and soap are available nearby in case battery acid contacts skin, eyes or clothing. If contact with battery acid occurs, rinse immediately and thoroughly with water. Then wash with soap and water. Obtain immediate medical attention if redness, irritation or pain is present. For eye contact, flush eyes for at least 15 minutes and obtain immediate medical attention.

CAUTIONS:

- Never work alone with this product. Make sure that someone is available to give assistance if needed.
- Wear complete eye and clothing protection. Do not touch eyes while working near battery.
- Always keep the clamps in their storage covers to prevent sparking when they are not in use.
- Do not recharge product battery with damaged chargers. Replace chargers immediately.
- Do not attempt to remove or replace the battery used in this device. When the battery has reached the end of it's useful lifetime, take the entire unit to a battery recycling facility.
- Avoid dropping metal tools onto vehicle battery. It may spark or short-circuit the battery or other electrical part that may cause short circuits or explosion.
- For proper and safe operation of the 12 Volt DC power accessory outlets, do not place anything into it except the plug of

the accessory to be used.

- Do not place anything into AC charging input socket except the provided plug from charger unit.
- Remove metal personal jewelry, such as rings, bracelets, necklaces and watches while working with a lead-acid battery. It can produce a short-circuit that may cause severe burns.
- Never charge or jump-start a frozen battery.
- Never allow clamps (positive & negative terminals) to touch together or to connect the same piece of metal to prevent short-circuits and arcing.
- Do not operate this device while wearing vinyl clothing. Static electricity may be generated when vinyl clothing is rubbed.
- This product is not intended for use in the rain or temperatures above 130°f
- Use only the provided chargers, cables and clamps. Unauthorized parts may damage the unit.
- This product has no consumer serviceable parts.
- This product is not a toy. Keep out of the reach of children.
- Keep battery terminals clean. Be careful to keep corrosion from coming in contact with eyes.
- Do not let the cords of the jump-starter or attached appliances get wet.
- Do not operate this unit in or around water. Water can damage the unit.

CHARGING AND RECHARGING

WARNING:
Do not overcharge this unit. Prior to charging unit, read and understand all instructions for this unit. Overcharging may result in damage to the unit.

All rechargeable batteries gradually discharge when left idle, and you need to recharge them periodically to maintain maximum battery capacity. The AC charger supplied with the Power Station is designed to charge using a 230/240-volt outlet. Using the DC charging cable, the Power Station can be recharged while you drive your vehicle.

- To ensure safe recharging and maximum battery life, recharge the Power Station only with the supplied charger or charging cable, or equivalent.
- Fully charge unit with the supplied 230/240-volt AC charger to the recommended maximum and initial charge time of 28 hours. Thereafter, an AC typical charge time is 20 to 24 hours when using the AC charger.
- Recharge the unit fully after each use. This will prolong the life of the battery because frequent discharges between recharges will reduce battery life.
- Make sure all functions of the Power Station are turned off during recharging. Due to inherent self-discharge, lead-acid batteries should be charged at least every 3 months, especially in a warm environment. Leaving a battery in a discharged state, or if not recharged every 3 months, may result in permanent battery damage and poor jump-starting performance.
- Do not attempt to recharge the Power Station battery if it is frozen. Gradually warm the frozen battery to 0°C (32°F) before recharging.
- Do not operate DC appliances with the Power Station while the unit is being recharged with the AC charger. The AC charger may be permanently damaged if 12-volt DC appliances are operated while the AC charger is connected.
  NOTE: Make sure both cable clamps (positive and negative) are placed in their storage holsters when not in use.

CHARGING WITH AC CHARGER:

DO NOT EXCEED MAXIMUM RECOMMENDED AC CHARGE OF 36 HOURS.

1. Disconnect any DC appliance from the 12-volt DC power socket.
2. Turn the jump-starter ON/OFF switch to the OFF position.
3. Remove the charging jack cover and insert the AC charger cable into the charging jack located on the front panel.
4. Plug the AC charger into a standard AC wall outlet.
5. While the Power Station is recharging, the red LED charging indicator will be lit. A typical recharge time is 20 to 24 hours.
6. During the charging period, you can press and hold the battery status button to check the Power Station battery charge level. The red LED, then the yellow LED and finally the two green LEDs will illuminate sequentially during the charging process. Continue charging until the two green LEDs remain lit constantly. Disconnect the AC charger after the Power Station is fully charged.

CHARGING WITH 12-VOLT CHARGER:

DO NOT EXCEED MAXIMUM RECOMMENDED AC CHARGE OF 18 HOURS.

1. Disconnect any DC appliance from the 12-volt DC power socket.
2. Turn the jump-starter ON/OFF switch to the OFF position.
3. Plug the DC charger cable into any standard 12-volt cigarette lighter/accessory socket.

4. Remove the charging jack cover and insert the DC charger cable into the charging jack located on the front panel.
5. While the Power Station is recharging, the red LED charging indicator will be lit. A typical recharge time is 8 to 12 hours.
6. During the charging period, you can press and hold the battery status button to check the Power Station battery charge level. The red LED, then the yellow LED and finally the two green LEDs will illuminate sequentially during the charging process. Continue charging until the two green LEDs remain lit constantly. Disconnect the DC charger cable after the Power Station is fully charged.

JUMP-STARTING A VEHICLE

WARNING:
Vehicles equipped with on-board computers may be affected if the engine battery is jump-started. Read your vehicle owner's manual before attempting to start the vehicle to determine if external starting assistance can be used. Failure to follow these instructions may cause damage or explosion. Use safety glasses to protect eyes while jump-starting a battery.

1. Turn off the vehicle ignition and all accessories (e.g. radios, lights, air conditioners and cellular phones).
2. Set the emergency brake and put vehicles with automatic transmission in park position.
3. Make sure the Jump Start System Power Switch is in OFF position.
4. Determine the polarity of the vehicle's battery terminals. The positive (POS, P, +) battery terminal usually is larger in diameter than the negative (NEG, N, -) terminal. If you are unsure, you should refer to the vehicle's owner's manual.
5. Determine whether your vehicle uses a negative or positive grounded system:
   Negative ground system – Negative battery terminal is grounded to chassis. Most vehicles use this system.
   Positive grounded battery terminal is grounded to chassis or any other part of the vehicle. If you are unsure, you should refer to vehicle owner's manual.
6. Never allow clamps (positive & negative terminals) to touch together or to contact the same piece of metal to prevent short-circuits and arcing.
7. Follow instructions for a negative grounded system or positive grounded system as indicated below:

   Negative Grounded System:
   a. Securely connect the positive (+) red clamp to the positive (POS, P+) terminal of the vehicle battery or the remote positive (+) terminal if equipped.
   b. Securely connect the negative (-) black clamp to the vehicle chassis, engine block or a non-moving metal part of the vehicle which is verified to be grounded. Do not clamp directly to negative battery terminal, carburetor, fuel lines, or sheet metal body parts.
   c. See jump-starting step 7 to continue.

   Positive Grounded System:
   a. Securely connect the negative (-) black clamp to the negative (Neg, N-) ungrounded terminal of the vehicle battery.
   b. Securely connect the positive (+) red clamp to the vehicle chassis, engine block or a non-moving metal part of the vehicle which is verified to be grounded. Do not clamp directly to positive battery terminal, carburetor, fuel lines, or sheet metal body parts.
   c. See jump-starting step 7 to continue.

8. The Reverse Polarity Indicator on the Jump Starter will illuminate RED for wrong connection and GREEN for right connection.
9. When correct clamp connection is made, turn the Jump Start System Power Switch to ON position.
10. Allow 2 or 3 minutes of charging time. It is recommended to have a second person to assist holding the unit securely in place during the next steps.
11. Turn on the vehicle to attempt to start the engine. If the vehicle does not start after 4 to 5 seconds of engine cranking, then stop. Wait 3 to 4 minutes, and then try again. Repeat several times until the vehicle starts.

CAUTION:
Excessive engine cranking can damage vehicle starter motor. If the engine turns, but fails to start after several attempts, other technical problems might be involved. Discontinue cranking the engine until the other problem is determined and corrected.

12. Standing as far away from the vehicle battery as is practical, disconnect the clamps in reverse sequence to connecting procedure:
    For negative grounded systems, first disconnect negative (black) then positive (red) clamps.
    For positive grounded systems, first disconnect positive (red) then negative (black) clamps.

USING THE AIR COMPRESSOR

WARNING:
Check item to be inflated for manufacturer's maximum recommended inflation pressure. Avoid over inflation. Most tires are properly inflated between 24-35 PSI. Some truck and bicycle tires require 40 PSI or more.

To inflate tires:

1. Remove valve cap from air valve stem.
   Note: Make sure locking thumb lever is at up position. If necessary, use valve stem adapter.
2. Insert stem connector to valve stem. Make sure connector is pushed to valve stem as far as possible.
3. Press down the locking thumb lever to engage.
4. Set the compressor on/off switch to "on" position by pressing down the section of switch marked "I".
   Note: In the event that the tire is completely flat, raise the vehicle using a recommended jack before inflating the tire.
5. Monitor pressure on air pressure gauge.
6. When desired pressure is reached, turn off compressor.
   Turn the locking thumb lever to up position and remove stem connector from valve stem. Also remove valve stem adapter if applicable.
7. Replace valve cap on valve stem.

To inflate plastic inflatable (balls, air mattresses, rubber rafts, etc.):

1. Check manufacturer's specification on item to be inflated for correct inflation pressure.
2. Remove valve cap cover from valve stem.
3. Insert proper valve stem adapter into stem connector as far as possible and turn the locking thumb lever to down position.
   4. Insert other end of valve stem adapter into inflatable air valve stem as far as practical.
5. Set the compressor on/off switch to "on" position.
6. Monitor pressure on air pressure gauge. When desired pressure is reached, turn off compressor, turn the locking thumb lever to up position and remove stem connector from valve stem. Also remove valve stem adapter if applicable. Replace valve cap on valve stem.

DC POWER SOCKET OPERATION

This Power Station is equipped with a 12-volt DC power socket. It can operate 12-volt DC automobile, RV, marine, or other portable appliances that draw less than 10 amps from a 12-volt DC power socket or from a vehicle's cigarette lighter/accessory socket.

OPERATING A DC DEVICE

1. Remove the protective cover from the DC power socket.
2. Plug the 12-volt DC appliance into the power socket, then turn the appliance on (if required). If the appliance draws more than 10 amps (or has a short-circuit defect), the internal circuit breaker of the Power Station shuts off the power to the appliance. If this occurs, unplug the appliance. The internal circuit breaker automatically resets after a few seconds.
3. Fully recharge the Power Station as soon as possible after each use. As the DC power socket is internally wired directly to the Power Station's battery, extended operation of a 12-volt DC appliance may result in excessive battery discharge.

STORAGE

This unit may be stored in any position. Make sure the clamps are secure inside the booster cable storage covers. Store at room temperature. If not used for a prolonged period of time, recharge every 2 months in the winter and every month in the summer.

SPECIFICATIONS

Battery:	12 Volt 8AH sealed lead acid, maintenance free, spill-proof, rechargeable.
Power Supply DC Output:	12-volts nominal.
Air Compressor:	260 PSI
Power Supply Charging Time:	28 hours with AC charger; 8 hours to recharge with
Storage Temperature:	Store in a cool dry area.